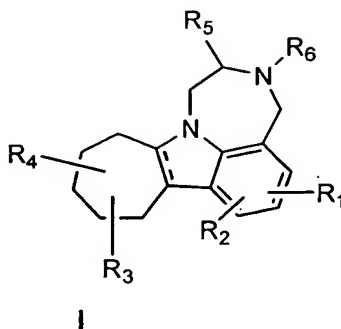


What is Claimed:

1. A compound of the formula:



wherein:

R₁ and R₂ are each, independently, hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl of 3 to 7 carbon atoms, -CH₂-cycloalkyl of 3 to 7 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, fluorinated alkyl of 1 to 6 carbon atoms, -CN, -NH-SO₂-alkyl of 1-6 carbon atoms, -SO₂-NH-alkyl of 1-6 carbon atoms, alkyl amide of 1-6 carbon atoms, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, fluorinated alkoxy of 1-6 carbon atoms, acyl of 2-7 carbon atoms, or phenoyl or thiophenoyl;

R₃ and R₄ are each, independently, hydrogen, C₁-C₆ alkyl or cycloalkyl of 3 to 7 carbon atoms;

R₅ is hydrogen or C₁-C₆ alkyl;

R₆ is hydrogen or C₁-C₆ alkyl; and

wherein the dashed line indicates an optional double bond;

or a pharmaceutically acceptable salt thereof,

2. A compound of Claim 1 which is 1,2,3,4,9,10,11,12-Octahydro-8H-cyclohepta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

3. A compound of Claim 1 which is 1,2,3,4,8,9,10,11,12,12a-Decahydro-7bH-cyclohepta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

4. A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

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5. A method of treatment of obsessive-compulsive disorder in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

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6. A method of treatment of depression in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

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7. A method of treatment of anxiety in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

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